L Number	Hits	Search Text	DB	Time stamp
1	140	Raman and (optical nearl fiber) and ((pump	USPAT;	2004/01/24 17:21
		near2 light) or (semiconductor near1	US-PGPUB;	
		laser)) and wavelength and ((Er-doped) or	EPO; JPO;	
		(Er adj doped))	DERWENT;	
			IBM TDB	
2	150	Raman and (optical near1 fiber) and	USPAT;	2004/01/24 17:21
		((pump\$5 near light) or (semiconductor	US-PGPUB;	
	:	nearl laser)) and wavelength and	EPO; JPO;	
		((Er-doped) or (Er adj doped))	DERWENT;	
			IBM TDB	
3	0	385/15 and (Raman and (optical near1	USPĀT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
		wavelength and ((Er-doped) or (Er adj		
}		doped))) and amplifier and (chromatic		
		near2 dipersion)		
4	23		USPAT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
_		doped))) and amplifier		
5	0	385/15 and (Raman and (optical near)	USPAT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic near		
	_	dipersion)		
6	2		USPAT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
7	0	doped))) and amplifier		0004/01/04 17 07
'	0	385/39 and (Raman and (optical near)	USPAT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
		<pre>wavelength and ((Er-doped) or (Er adj doped))) and amplifier and (chromatic</pre>		
		near2 dipersion)		
8	6	385/39 and (Raman and (optical near1	USPAT	2004/01/24 17:58
	· ·	fiber) and ((pump near2 light) or	OSTAI	2004/01/24 17:30
		(semiconductor nearl laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
9	10	385/141 and (Raman and (optical near)	USPAT	2004/01/24 17:29
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
	ĺ	wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
10	10		USPAT	2004/01/24 17:28
	l	fiber) and ((pump near2 light) or		
j		(semiconductor nearl laser)) and		
	l	wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
11	19		USPAT	2004/01/24 17:28
	İ	fiber) and ((pump near2 light) or		
	ļ	(semiconductor nearl laser)) and		
	İ	wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
12	10	359/345 and (Raman and (optical near)	USPAT	2004/01/24 17:28
	j	fiber) and ((pump near2 light) or	]	
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
	_	doped))) and amplifier		
13	6	372/3,71.ccls. and (Raman and (optical	USPAT	2004/01/24 17:29
		nearl fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
<u></u> !		doped))) and amplifier		

14	47	372/6 and (Raman and (optical near1 fiber)	USPAT	2004/01/24 17:29
		and ((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		]
15	0	amplifier	USPAT	2004/01/24 17:57
15	0	398/79,81,92,157.ccls. and (Raman and (optical near1 fiber) and ((pump near2	USFAI	2004/01/24 17.57
		light) or (semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)		
16	5	398/79,81,92,157.ccls. and (Raman and	USPAT	2004/01/24 17:42
		(optical near1 fiber) and ((pump near2		
		light) or (semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped)))		
17	0	(Raman and (optical near1 fiber) and	USPAT	2004/01/24 17:57
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
18	272	amplifier and (chromatic near2 dipersion) Raman and (optical near1 fiber) and ((pump	USPAT;	2004/01/24 17:58
18	212	near2 light) or (semiconductor near1	US-PGPUB;	2004/01/24 17.50
		laser)) and wavelength and (((Er-doped) or	EPO; JPO;	
		(Er adj doped) or (EDF) or (erbium adj	DERWENT;	
		doped adj fiber\$1) near10 pump))	IBM TDB	
20	272611	("mu.m") or ("nu.m")	USPĀT	2004/01/24 18:00
21	76		USPAT	2004/01/24 18:00
		(optical near1 fiber) and ((pump near2		
		light) or (semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped)))		0004/01/04 10 00
22	78		USPAT	2004/01/24 18:00
		(optical near1 fiber) and ((pump\$5 near		
		light) or (semiconductor near1 laser)) and		
		<pre>wavelength and ((Er-doped) or (Er adj doped)))</pre>		
23	21	1	USPAT	2004/01/24 18:00
23		(Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier)		
24	2		USPAT	2004/01/24 18:00
		(Raman and (optical near1 fiber) and		
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
•		((Er-doped) or (Er adj doped))) and amplifier)		
25	5		USPAT	2004/01/24 18:01
23		(Raman and (optical near1 fiber) and	OSTAT	2004,01,21 10.01
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier)		
26	9	(("mu.m") or ("nu.m")) and (385/141 and	USPAT	2004/01/24 18:01
		(Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
27	8	amplifier)	USPAT	2004/01/24 18:01
- '	8	(("mu.m") or ("nu.m")) and (359/341.1 and (Raman and (optical nearl fiber) and	OSEMI	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier)		
	1	· · · · · · · · · · · · · · · · · · ·		

28	17	(("mu.m") or ("nu.m")) and (359/334 and	USPAT	2004/01/24 18:01
		(Raman and (optical near1 fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
20	ا ا	amplifier)	USPAT	2004/01/24 18:01
29	8	(("mu.m") or ("nu.m")) and (359/345 and	USPAT	2004/01/24 18:01
		(Raman and (optical near) fiber) and		
		((pump near2 light) or (semiconductor near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier)		1
30	6	(("mu.m") or ("nu.m")) and (372/3,71.ccls.	USPAT	2004/01/24 18:01
		and (Raman and (optical nearl fiber) and	******	
	1	((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		1
		amplifier)		
31	41	(("mu.m") or ("nu.m")) and (372/6 and	USPAT	2004/01/24 18:01
		(Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and	ļ	
-		((Er-doped) or (Er adj doped))) and		
	_	amplifier)		2004/01/04 10:01
32	5	(("mu.m") or ("nu.m")) and	USPAT	2004/01/24 18:01
		(398/79,81,92,157.ccls. and (Raman and	i	
		<pre>(optical near1 fiber) and ((pump near2 light) or (semiconductor near1 laser)) and</pre>		<u> </u>
		wavelength and ((Er-doped) or (Er adj		
		doped))))		
33	98	(("mu.m") or ("nu.m")) and (Raman and	USPAT	2004/01/24 18:01
		(optical near1 fiber) and ((pump near2		
		light) or (semiconductor near1 laser)) and		
		wavelength and (((Er-doped) or (Er adj		
		doped) or (EDF) or (erbium adj doped adj		
		<pre>fiber\$1) near10 pump)))</pre>		
-	69		USPAT;	2004/01/24 17:10
		near2 light) or (semiconductor near1	US-PGPUB;	
		laser)) and wavelength and ((Er-doped) or	EPO; JPO;	
		(Er adj doped))	DERWENT;	1
	69	(Dames and (antical manual fiber) and	IBM_TDB USPAT:	2002/06/03 19:04
-	69	(Raman and (optical near1 fiber) and (pump near2 light) or (semiconductor	US-PGPUB;	2002/00/03 13:04
		near1 laser)) and wavelength and	EPO; JPO;	
		((Er-doped) or (Er adj doped))) and	DERWENT;	
		amplifier	IBM TDB	
_	61	(Raman and (optical near1 fiber) and	USPĀT	2002/06/03 17:28
		((pump near2 light) or (semiconductor		
1	[	nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
1		amplifier		
-	0	(Raman and (optical near1 fiber) and	USPAT	2002/06/05 12:45
		((pump near2 light) or (semiconductor		
	]	nearl laser)) and wavelength and		
1		<pre>((Er-doped) or (Er adj doped))) and amplifier and (chromatic near2 dipersion)</pre>		
1_	0	((pump near2 light) or (semiconductor	USPAT	2002/06/03 17:32
-		nearl laser)) and wavelength and	OSIAI	2002/00/03 17:32
		((Er-doped) or (Er adj doped)) and		
		amplifier and (chromatic near2 dipersion)		
_	0		USPAT	2002/06/03 17:32
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped)) and		
		amplifier and (chromatic near2 dipers\$3)		
-	0	((pump near2 light) or (semiconductor	USPAT	2002/06/03 17:32
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped)) and		
	_	amplifier and (chromatic near1 dipers\$3)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2000/05/00 17 55
-	0	((pump near2 light) or (semiconductor	USPAT	2002/06/03 17:39
	]	nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped)) and		
1	1	amplifier and (chromatic near6 dipers\$3)	1	1

-	0	((pump near2 light) or (semiconductor	USPAT	2002/06/03 17	:41
		nearl laser)) and wavelength and ((Er-doped) or (Er adj doped)) and			
		amplifier and (dipers\$3 near5 wavelength)			
-	69	`	USPAT;	2003/08/13 10	:59
		((pump near2 light) or (semiconductor	US-PGPUB;		
		nearl laser)) and wavelength and ((Er-doped) or (Er adj doped))) and	EPO; JPO; DERWENT;		
		amplifier\$1	IBM TDB		
_	165		USPĀT;	2002/06/03 19	:07
		near2 light) or (semiconductor near1	US-PGPUB;		
		laser)) and wavelength and ((Er-doped) or (Er adj doped) or (Erbium-doped)) and	EPO; JPO; DERWENT;		
		amplifier\$1	IBM TDB		
-	68	(Raman and (optical near1 fiber) and	USPAT	2003/02/27 12	:28
		((pump near2 light) or (semiconductor near1 laser)) and wavelength and			
		((Er-doped) or (Er adj doped) or			į
		(Erbium-doped)) and amplifier\$1) not			
		((Raman and (optical near1 fiber) and			
		((pump near2 light) or (semiconductor near1 laser)) and wavelength and			
		((Er-doped) or (Er adj doped))) and			
		amplifier\$1)			ļ
-	96	······	USPAT;	2002/06/04 10	:27
		((pump near2 light) or (semiconductor near1 laser)) and wavelength and	US-PGPUB; EPO; JPO;		
		((Er-doped) or (Er adj doped) or	DERWENT;		Ì
		(Erbium-doped)) and amplifier\$1) not	IBM_TDB		
		((Raman and (optical nearl fiber) and (pump near2 light) or (semiconductor			
		near1 laser)) and wavelength and			
		((Er-doped) or (Er adj doped))) and			
	1.3	amplifier\$1)	HODAM.	2002/06/04 11	. 20
_	13	Raman and ((Er-doped) or (erbium-doped)) and wavelength and ((pump nearl light)	USPAT; US-PGPUB;	2002/06/04 11	:20
		near3 mu.m)	EPO; JPO;		
			DERWENT;		
	33	Raman and ((Er-doped) or (erbium-doped))	IBM_TDB USPAT;	2002/06/04 11	.20
_	33	and wavelength and (pump near4 mu.m)	US-PGPUB;	2002/00/04 11	.20
			EPO; JPO;		
			DERWENT;		
_	36	Raman and ((Er-doped) or (erbium-doped))	IBM_TDB USPAT;	2002/06/05 11	:22
		and wavelength and (pump near5 mu.m)	US-PGPUB;	2002,00,00 11	
			EPO; JPO;		
			DERWENT;		
_	23	(Raman and ((Er-doped) or (erbium-doped))	<pre>IBM_TDB USPAT;</pre>	2002/06/04 11	:27
		and wavelength and (pump near5 mu.m)) not	US-PGPUB;		
		(Raman and ((Er-doped) or (erbium-doped))	EPO; JPO;		
		<pre>and wavelength and ((pump nearl light) near3 mu.m))</pre>	DERWENT; IBM TDB		
-	1558	Chromatic nearl dispersion	USPAT;	2002/06/04 11	:28
		•	US-PGPUB;	,	
			EPO; JPO;		
			DERWENT; IBM TDB		
_	69	Raman and (optical near1 fiber) and ((pump	USPAT;	2002/06/04 11	:29
		near3 light) or (semiconductor near1	US-PGPUB;		
		laser)) and wavelength and ((Er-doped) or	EPO; JPO;		
		(Er adj doped))	DERWENT; IBM TDB		
-	20	(Raman and (optical nearl fiber) and	USPĀT;	2002/06/04 17	:38
		((pump near3 light) or (semiconductor	US-PGPUB;		
	1	<pre>near1 laser)) and wavelength and ((Er-doped) or (Er adj doped))) and</pre>	EPO; JPO; DERWENT;		
		((Chromatic nearl dispersion)	IBM TDB		
<del></del>					

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-	10	(Raman and (optical nearl fiber) and	USPAT;	2002/06/05 10:48
		((pump near3 light) or (semiconductor	US-PGPUB;	
		nearl laser)) and wavelength and	EPO; JPO;	
		((Er-doped) or (Er adj doped))) and	DERWENT;	
		(Chromatic nearl dispersion) and	IBM_TDB	
	20	(ps/nm/km)	IICDAM.	2002/06/04 21:55
-	29		USPAT; US-PGPUB;	2002/06/04 21:55
		near2 light) or (semiconductor near1 laser)) and wavelength and ((Er-doped) or	EPO; JPO;	
		(Er adj doped)) and repeater\$1	DERWENT;	
		(El ad) doped// and repeatery:	IBM TDB	
<u>-</u>	10	(Raman and (optical nearl fiber) and	USPAT;	2002/06/05 10:48
1	1	((pump near3 light) or (semiconductor	US-PGPUB;	2002,00,00
		nearl laser)) and wavelength and	EPO; JPO;	
		((Er-doped) or (Er adj doped))) and	DERWENT;	
		(ps/nm/km)	IBM TDB	
-	0	385/123 and (Raman and (optical near)	USPĀT	2002/06/05 12:46
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)	1	
-	0	385/15 and (Raman and (optical near1	USPAT	2002/12/16 20:27
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)		2004/01/04 17:07
_	0	385/39 and (Raman and (optical near)	USPAT	2004/01/24 17:27
	1	fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)		
_	0	385/141 and (Raman and (optical near)	USPAT	2004/01/24 17:30
		fiber) and ((pump near2 light) or	001711	2001,01,21 1,100
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)		
-	19	385/123 and (Raman and (optical near1	USPAT	2004/01/24 17:27
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
	1.0	doped))) and amplifier	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2002/06/05 12:40
-	10	385/141 and (Raman and (optical near)	USPAT	2002/06/05 12:49
	1	fiber) and ((pump near2 light) or (semiconductor near1 laser)) and		
		(semiconductor hear) laser); and   wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
_	Δ	372/71 and (Raman and (optical near)	USPAT	2002/06/05 12:49
		fiber) and ((pump near2 light) or		
	1	(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
-	5	372/3 and (Raman and (optical near1 fiber)	USPAT	2002/06/05 12:50
	1	and ((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
	1	((Er-doped) or (Er adj doped))) and		
	1 25	amplifier	Henra	2002/06/05 10:55
-	36	372/6 and (Raman and (optical near1 fiber)	USPAT	2002/06/05 12:55
	1	and ((pump near2 light) or (semiconductor near1 laser)) and wavelength and		
	1	((Er-doped) or (Er adj doped))) and	1	
		amplifier		
_	8	, <u>-</u>	USPAT	2002/06/05 13:00
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
	1	wavelength and ((Er-doped) or (Er adj	1	
	<u> </u>	doped))) and amplifier	<u> </u>	<u></u>

=	8	359/160 and (Raman and (optical near)	USPAT	2002/06/05 13:09
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj doped))) and amplifier		
l <u> </u>	6		USPAT	2002/06/05 13:10
	•	fiber) and ((pump near2 light) or	OSFAI	2002/00/03 13.10
		(semiconductor nearl laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
-	15		USPAT	2002/06/05 13:10
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
-	5	359/341.1 and (Raman and (optical near)	USPAT	2002/06/05 13:11
		fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
1		wavelength and ((Er-doped) or (Er adj		
<b>i</b> _	8	doped))) and amplifier	USPAT	2002/06/05 13:13
-	1	359/334 and (Raman and (optical near1 fiber) and ((pump near2 light) or	OBEAT	2002/00/00 13.13
ŀ		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		
_	64		USPAT	2002/06/05 13:13
		fiber) d ((pump near2 light) or		
		(semiconductor nearl laser)) and		
[		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier		0000/06/14 10 07
-	83	Raman and (optical near1 fiber) and ((pump	USPAT;	2002/06/14 18:07
	İ	near2 light) or (semiconductor near1	US-PGPUB;	
		laser)) and wavelength and ((Er-doped) or	EPO; JPO; DERWENT;	
		(Er adj doped) or (EDF))	IBM TDB	
l _	184	Raman and (optical near1 fiber) and ((pump	USPAT;	2002/06/14 19:50
	10.	near2 light) or (semiconductor near1	US-PGPUB;	
		laser)) and wavelength and ((Er-doped) or	EPO; JPO;	
		(Er adj doped) or (EDF) or (erbium adj	DERWENT;	
1		doped adj fiber\$1))	IBM_TDB	
-	64		USPAT;	2002/06/14 18:44
		((pump near2 light) or (semiconductor	US-PGPUB;	
1		nearl laser)) and wavelength and	EPO; JPO;	
1		((Er-doped) or (Er adj doped) or (EDF) or	DERWENT;	
		(erbium adj doped adj fiber\$1))) and	IBM_TDB	
1_	45	repeater\$1 ((Raman and (optical nearl fiber) and	USPAT;	2002/06/14 18:44
_	43	((pump near2 light) or (semiconductor	US-PGPUB;	2002/00/14 10:44
		near1 laser)) and wavelength and	EPO; JPO;	
1		((Er-doped) or (Er adj doped) or (EDF) or	DERWENT;	
		(erbium adj doped adj fiber\$1))) and	IBM_TDB	
1		repeater\$1) and (eberium or earth)	-	
-	130	1	USPAT;	2002/06/14 19:54
1		near2 light) or (semiconductor near1	US-PGPUB;	
1		laser)) and wavelength and (((Er-doped) or	EPO; JPO;	
1		(Er adj doped) or (EDF) or (erbium adj	DERWENT;	
	102	doped adj fiber\$1) same pump))  Raman and (optical poar1 fiber) and ((pump	IBM_TDB   USPAT;	2004/01/24 17:57
-	103	Raman and (optical nearl fiber) and ((pump near2 light) or (semiconductor nearl	US-PGPUB;	2004/01/24 17:37
		laser)) and wavelength and ((Er-doped) or	EPO; JPO;	
		(Er adj doped) or (EDF) or (erbium adj	DERWENT;	
		doped adj fiber\$1) near10 pump))	IBM TDB	
-	96	,	USPĀT;	2002/06/14 19:54
		near2 light) or (semiconductor near1	US-PGPUB;	
		laser)) and wavelength and (((Er-doped) or	EPO; JPO;	
		(Er adj doped) or (EDF) or (erbium adj	DERWENT;	
	I	doped adj fiber\$1) near5 pump))	IBM_TDB	

			·	
-	53	(Raman and (optical near1 fiber) and	USPAT;	2002/12/16 20:30
		((pump near2 light) or (semiconductor	US-PGPUB;	
Ī		nearl laser)) and wavelength and	EPO; JPO;	
		(((Er-doped) or (Er adj doped) or (EDF) or	DERWENT;	
		(erbium adj doped adj fiber\$1) same	IBM_TDB	
	_	pump))) and repeater\$1		, , , , , , _ , , _ , , _ , , _ , , _ , , _ , , _ , _ , , _ , , _ , _ , , _ , , _ , , _ , , _ , , _ , , _ , , , , , , , , ,
<b>-</b>	1	("6342965").PN.	USPAT	2002/11/07 11:40
1 -	81	Raman and ((pump nearl light) same (mu.m))	USPAT;	2002/11/07 11:41
İ			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/11/05 16 06
_	33	(Raman and ((pump nearl light) same	USPAT;	2002/11/07 16:06
		(mu.m))) and ((Er-doped) or (Er adj	US-PGPUB;	
		doped))	EPO; JPO;	
			DERWENT;	
		/##0001 COH	IBM_TDB	0000/11/07 16:06
j -	1	("5832162").PN.	USPAT	2002/11/07 16:06
-	0	385/15 and (Raman and (optical near)	US-PGPUB;	2002/12/16 20:29
		fiber) and ((pump near2 light) or	EPO; JPO;	
1		(semiconductor near1 laser)) and	DERWENT;	
		wavelength and ((Er-doped) or (Er adj	IBM_TDB	
		doped))) and amplifier and (chromatic		
	2	near2 dipersion)	USPAT;	2002/12/16 20:29
-		("5986381").PN.	US-PGPUB;	2002/12/16 20:29
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1_	l 0	385/25 and (Raman and (optical near1	USPAT	2002/12/16 20:29
	"	fiber) and ((pump near2 light) or	OSTAT	2002/12/10 20:23
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
	1	doped))) and amplifier and (chromatic		
		near2 dipersion)		
_	0	385/18 and (Raman and (optical near)	USPAT	2002/12/16 20:30
		fiber) and ((pump near2 light) or		,
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
	i	near2 dipersion)		
-	0	385/16 and (Raman and (optical near1	USPAT	2002/12/16 20:30
1	i	fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
	İ	wavelength and ((Er-doped) or (Er adj		
1	1	doped))) and amplifier and (chromatic		
	1	near2 dipersion)		
-	0	385/17 and (Raman and (optical near)	USPAT	2002/12/16 20:30
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped))) and amplifier and (chromatic		
		near2 dipersion)	исращ	0000/10/16 00:01
-	77		USPAT;	2002/12/16 20:31
		((pump near2 light) or (semiconductor	US-PGPUB;	
		near1 laser)) and wavelength and	EPO; JPO;	
		(((Er-doped) or (Er adj doped) or (EDF) or	DERWENT;	
		(erbium adj doped adj fiber\$1) same	IBM_TDB	
_	4	pump))) and repeater\$1   Raman and (affective near area)	HCDATT.	2003/02/26 15:12
1 -	4	Kaman and (affective near area)	USPAT; US-PGPUB;	2003/02/20 13:12
			EPO; JPO;	
1			DERWENT;	
			IBM TDB	
L		1	T T T T D D	

-	11	385/123 and (Raman and (optical near)	USPAT	2003/02/27 12:43
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj   doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	0	359/324 and (Raman and (optical near)	USPAT	2003/02/27 12:45
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and	İ	<b>!</b>
		wavelength and ((Er-doped) or (Er adj		,
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and ((Er-doped) or (Er adj doped))) and		
	į	amplifier\$1)		
_	24		USPAT	2003/02/27 13:10
		and ((pump near2 light) or (semiconductor	002111	2000, 02, 2, 10.10
		nearl laser)) and wavelength and		
	1	((Er-doped) or (Er adj doped) or		
		(Erbium-doped)) and amplifier\$1) not		
		((Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)	поращ	2002/02/27 12:46
-	3	372/71 and (Raman and (optical near)	USPAT	2003/02/27 12:46
		fiber) and ((pump near2 light) or (semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical near1 fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	9	385/15 and (Raman and (optical near1	USPAT	2003/02/27 12:48
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
	İ	wavelength and ((Er-doped) or (Er adj		
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical near1 fiber) and ((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	8	385/39 and (Raman and (optical nearl	USPAT	2003/02/27 12:49
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
l		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical near1 fiber) and		
		((pump near2 light) or (semiconductor near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	4	385/141 and (Raman and (optical near)	USPAT	2003/02/27 12:57
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
1		wavelength and ((Er-doped) or (Er adj		
		doped) or (Erbium-doped)) and amplifier\$1)		
İ		not ((Raman and (optical nearl fiber) and		
1		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
1		((Er-doped) or (Er adj doped))) and		
L	<u></u>	amplifier\$1)		

-	37	359/334 and (Raman and (optical near)	USPAT	2003/02/27 12:58
		fiber) and ((pump near2 light) or	ļ	
		(semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
1		doped) or (Erbium-doped)) and amplifier\$1) not ((Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	23	1 *	USPAT	2003/02/27 12:58
		fiber) and ((pump near2 light) or		
		(semiconductor nearl laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical near1 fiber) and		1
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
ļ		((Er-doped) or (Er adj doped))) and amplifier\$1)		
]_	14	I . = .	USPAT	2003/02/27 13:01
	1	fiber) and ((pump near2 light) or	OSIAI	2003/02/2/ 13:01
		(semiconductor near1 laser)) and		
	1	wavelength and ((Er-doped) or (Er adj		
	1	doped) or (Erbium-doped)) and amplifier\$1)		
	1	not ((Raman and (optical near1 fiber) and		
	1	((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
	1	amplifier\$1)		0003/00/07 13 00
-	13	, •	USPAT	2003/02/27 13:02
		fiber) and ((pump near2 light) or (semiconductor near1 laser)) and		
		wavelength and ((Er-doped) or (Er adj		
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical nearl fiber) and		
		((pump near2 light) or (semiconductor		
		nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
		amplifier\$1)		
-	21	· · · · · · · · · · · · · · · · · · ·	USPAT	2003/02/27 13:05
		fiber) and ((pump near2 light) or		
		(semiconductor near1 laser)) and		
1		wavelength and ((Er-doped) or (Er adj		l i
		doped) or (Erbium-doped)) and amplifier\$1)		
		not ((Raman and (optical nearl fiber) and ((pump near2 light) or (semiconductor		
1	1	nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and		
	1	amplifier\$1)		
-	48	l •	USPAT	2003/02/27 13:06
	[	and ((pump near2 light) or (semiconductor		
1	1	nearl laser)) and wavelength and		
		((Er-doped) or (Er adj doped) or		
		(Erbium-doped)) and amplifier\$1) not		
	1	((Raman and (optical near1 fiber) and		
		((pump near2 light) or (semiconductor		
	1	near1 laser)) and wavelength and		
		((Er-doped) or (Er adj doped))) and amplifier\$1)		
_	326	Effective near2 core near2 area	USPAT;	2003/08/11 15:59
	323	altocare media core media area	US-PGPUB;	-555,55711 15.59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	65	(Effective near2 core near2 area) and	USPĀT;	2003/08/11 16:16
		Raman	US-PGPUB;	
			EPO; JPO;	ĺ
			DERWENT;	
_		(Effective peak) come peak and	IBM_TDB	2002/00/11 10 50
1 -	58	(Effective near2 core near2 area) and	USPAT;	2003/08/11 19:59
L	L	Raman and wavelength and ampli\$7	US-PGPUB	

12	:03
"6147794"   "6163636"   "6191877").PN.   USPAT; US-PGPUB   USPAT	03
- 81 sasaoka.in. and eisuke USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2003/08/11 20:	03
- 12 (sasaoka.in. and eisuke) and (effective near core near area) 153 nishimura.in. and masayuki US-PGPUB USPAT; 2003/08/11 20:	03
- 12 (sasaoka.in. and eisuke) and (effective USPAT; 2003/08/11 20: near core near area) US-PGPUB USPAT; 2003/08/11 20: 153 nishimura.in. and masayuki USPAT; 2003/08/11 20:	04
near core near area) US-PGPUB USPAT; 2003/08/11 20:	04
- 153 nishimura.in. and masayuki USPAT; 2003/08/11 20:	
US-PGPUB	~ .
- 8 (nishimura.in. and masayuki) and USPAT; 2003/08/11 20:	.04
(effective near core near area) US-PGPUB	ì
- 524 tanaka.in. and shigeru USPAT; 2003/08/11 20:	04
US-PGPUB	
- 2 (tanaka.in. and shigeru) and (effective USPAT; 2003/08/11 20:	04
near core near area) US-PGPUB	
- 9 ("5039199"   "5058974"   "5623508"   USPAT   2003/08/11 20:	16
"5778128"   "5959750"   "6081366"	
"6147794"   "6163636"   "6191877").PN.	
- 8 6191877.URPN. USPAT 2003/08/11 20:	16
- 246 Raman and (optical near1 fiber) and USPAT; 2003/08/13 11:	01
amplifi\$4 and (chromatic near dispersion) US-PGPUB;	
EPO; JPO;	
DERWENT;	1
IBM TDB	- 1
- 0 "1.65 .mu.m" USPĀT; 2003/08/13 11:	06
US-PGPUB;	
EPO; JPO;	,
DERWENT;	-
IBM TDB	-
- 0 "1.65 adj .mu.m" USPĀT; 2003/08/13 11:	.05
US-PGPUB;	-
EPO; JPO;	-
DERWENT;	- 1
IBM TDB	- 1
- 39523 "1.65" USPĀT; 2003/08/13 11:	.07
US-PGPUB;	
EPO; JPO;	-
DERWENT;	- 1
IBM TDB	-
- 13 "1.65" and (Raman and (optical near) USPAT; 2003/08/13 11:	07
fiber) and amplifi\$4 and (chromatic near US-PGPUB;	
dispersion)) EPO; JPO;	-
DERWENT;	- 1
IBM TDB	